

AMENDMENTS TO THE SPECIFICATION

Please amend the specification as follows:

Amend paragraph [0005], on pages 1-2, as follows:

[0005] A variety of computing systems could be used for providing the server functionality on each subnet using Preboot Execution Environment (PXE) protocol and software services (developed by the Intel Corporation of Santa Clara, Calif.). This PXE software is a part of Intel's Wired for Management (WfM) program for remote booting of servers. (Preboot Execution Environment Specification, Intel Corporation, Version 2.1, September 20, 1999, incorporated by reference herein). For example, a general purpose server computer could be used, but that could essentially be an overkill, as it results in an expensive general purpose server dedicated to each subnet and possibly not being used to its full extent to provide other services. Conversely, a dedicated appliance level computer could be designed as described in co-pending U.S. application serial number 09/967,615, entitled, "PXE Server Appliance," having U.S. Patent Application Publication No. 2003/0097553, incorporated herein in its entirety. This approach results in the design, development and manufacturing cost of a specific piece of hardware dedicated to this particular task.

Amend paragraph [0010], on page 4, as follows:

[0010] In the following discussion it is assumed that the subject matter generally relates to an embedded OS based computer and that a Windows CE based computer is used only as an illustrative example. With reference to Figures [[1]] 1A-1B, an example embodiment of a technique 10 of directing a computer network 115 (Fig. 2) for booting using a prebooting execution environment (PXE) Windows CE based computer 120 is illustrated. A network 115 of target servers may comprise several of subnetworks 112, 114. The number of target servers in each subnetwork is decided by each installation. A Windows CE based computer 120 is preferably coupled to each subnetwork 112, 114. Each target server utilizing the technique 10 has its PXE enable option turned on. The Windows CE based computers 120 and the network 115 form a local network where local broadcasts may be utilized for communication between the target servers and the Windows CE based computer 120. When target server booting is desired, the target server broadcasts a PXE request over the local subnetwork. In step 15 of the technique 10, the Windows CE based computer 120 listens to PXE requests from the target servers of the

network 115 (Fig. 1A). In the illustrated embodiment, at least one Windows CE based computer 120 listens to one of the subnetworks 114 or 112. The listening step 15 of the technique 10 is preferably performed through a TCP/IP (the Transmission Control Protocol/Internet Protocol) stack although other techniques can be used. The TCP/IP is the most common used transmission control protocol over the Internet. The listening step 15 of the technique 10 can also be performed by wireless communication. The long range wireless communication, using a hand held computer like the Windows CE based computer 120, can be established, for example, using IEEE Std. 802.11b wherein a Media Access Control (MAC) services protocol is utilized. The short range wireless communication can be established, for example, using Bluetooth industry standard (an Intel standard). The Bluetooth devices provide an effective range of up to 32 feet and operate at 24 GHz frequency band.